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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Keith Johnson

Application No.: 09/662,195

Group Art Unit: 1616

Filed: September 14, 2000

Examiner: S. Gollamundi

Title: APPLICATION OF WATER NANOCCLUSERS TO SKIN

<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on _____	Signature _____
Date _____	
Typed or printed name of person signing certificate _____	

**REVOCATION OF POWERS OF ATTORNEY**  
**AND APPOINTMENT OF NEW ATTORNEY**

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

Nanocluster Technologies LLC, a Limited Liability Company duly organized under the laws of the State of Delaware, is the assignee of the entire right, title and interest in the above-identified application. Nanocluster Technologies LLC hereby appoints:

Eugene Berman, Esq.  
Silver, McGowan & Silver, P.C.  
1612 K Street NW, Suite 1204  
Washington, D.C. 20006

to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

[Application No.09/662,195]

-2-

Statement under 37 C.F.R. §3.73(b) is submitted herewith.

All correspondence should be sent to Eugene Berman, Esq., Silver, McGowan & Silver, P.C., 1612 K Street NW, Suite 1204, Washington, D.C. 20006 . Please direct all telephone calls to Mr.. Berman at (202) 261-1200, and all facsimile communications to (202) 261-1268.

*Not operating  
numbers  
used technical  
info for Database*

Respectfully submitted,  
Nanocluster Technologies LLC,

By

  
Kenneth M. Strong

Title Member, Nanocluster Technologies LLC

Date

5/5/03

DOCKET NUMBER:

STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.27(a))-SMALL BUSINESS CONCERN

Applicant or Patentee: Keith Johnson  
 Application or Patent No.: 09/662,195  
 Filed or Issued: September 14, 2000  
 Title: APPLICATION OF WATER NANOCLUSTERS TO SKIN

I hereby state that I am

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN Nanocluster Technologies LLC  
 ADDRESS OF SMALL BUSINESS CONCERN c/o TechQuest Capital Partners, 5 Cambridge Center, 8th Floor  
Cambridge, MA 02142

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office. Questions related to size standards for a small business concern may be directed to: Small Business Administration, Size Standards Staff, 409 Third Street, SW, Washington, DC 20416 or you may call 202-205-6618.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☐ the specification filed herewith with title as listed above.  
☒ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each person, concern or organization having rights in the invention must file separate statements as to their status as small entities. No rights to the invention are held by any person who would not qualify as a person under 37 CFR 1.27(a)(1), or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2), or a nonprofit organization under 37 CFR 1.27(a)(3).

Each person, concern or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.  
☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)(2))

Kenneth M. Strong

NAME OF PERSON SIGNING

TITLE OF PERSON IF OTHER THAN OWNER Member, Nanocluster Technologies LLCADDRESS OF PERSON SIGNING 29 Riverbrook Road, Nepean, Ontario K2H7W7, CANADA

SIGNATURE

DATE

5/5/03

PTO/SB/06 (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: KEITH JOHNSON  
 Application No./Patent No.: 09/662,195 Filed/Issue Date: 9/14/00  
 Entitled: NANOCLUSTER TECHNOLOGIES LLC LIMITED LIABILITY COMPANY  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
 2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: KEITH JOHNSON To: QUANTUM ENERGY CORPORATION  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel 012037, Frame 0500, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.  
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

5/5/03  
 Date

KENNETH M. STRONG

Typed or printed name

MEMBER, NANOCLUSTER TECHNOLOGIES LLC  
 Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**LIST OF ATTACHMENTS  
NANOCLUSTER TECHNOLOGIES LLCs  
STATEMENT UNDER 37 CFR 3.73(b)**

1. Motion and Exhibit C thereof, which was filed on December 20, 2002 by the Trustee in Bankruptcy in the United States Bankruptcy Court, District of Massachusetts, Case No. 02-18821-WCH, in which the Trustee sought Court approval to sell the assets of "Supercritical Combustion Corp. f/k/a Quantum Energy Technologies Corporation (the 'Debtor')", including "all patents and patents pending... including but not limited to those items set forth in Exhibit C", free and clear of all liens, claims, encumbrances and interests;
2. Order entered by the Honorable William C. Hillman, U.S. Bankruptcy Judge, dated January 29, 2003, which granted the Motion; and
3. A redacted copy of the Bill of Sale pursuant to the Court-authorized Bankruptcy Sale, dated as of February 13, 2003, signed by the Trustee, with the redacted portions relating to the consideration paid and other property of the Debtor

UNITED STATES BANKRUPTCY COURT  
DISTRICT OF MASSACHUSETTS  
EASTERN DIVISION

In re:

SUPERCritical COMBUSTION CORP.

Debtor.

Chapter 7  
Case No. 02-18821-WCH

U.S. Bankruptcy Court  
District of Massachusetts  
Eastern Division  
2003 JAN 20 PM 1:15

**MOTION BY TRUSTEE FOR AUTHORITY TO SELL ASSETS BY PUBLIC AUCTION  
SALE, FREE AND CLEAR OF LIENS, CLAIMS, ENCUMBRANCES AND INTERESTS**

To the Honorable William C. Hillman, Chief United States Bankruptcy Judge:

In accordance with 11 U.S.C. §§ 105 and 363, Federal Rules of Bankruptcy Procedure 2002 and 6004, and MLBR 6004, Harold B. Murphy, interim Chapter 7 trustee (the "Trustee") of Supercritical Combustion Corp. f/k/a Quantum Energy Technologies Corporation (the "Debtor"), hereby files this motion (the "Motion") for authority to solicit bids and to sell by public auction (the "Auction") substantially all of the Debtor's assets, including certain assets that are purportedly subject to lease agreements, free and clear of all liens, claims, encumbrances, and interests, with such liens, claims, encumbrances, and interests to attach to the proceeds of such sale. The Auction shall occur on the terms and conditions set forth in the Motion and in the *Notice of Intended Public Auction Sale of Personal Property Free and Clear of Liens, Claims, Encumbrances, and Interests* (the "Notice") filed contemporaneously herewith.

The Trustee respectfully requests that the Court set a hearing on the Motion for the week of January 14, 2003, but no later than January 16, 2003, in order that the Auction may occur on or about January 28, 2003. This will leave sufficient time for the Trustee to provide twenty days notice to all creditors. As reason therefore, the Trustee states that many of the assets to be sold at the Auction are highly specialized in nature and of uncertain value, especially in the current economy. The Trustee intends to conduct the auction at the former business premises of the Debtor and therefore desires to

minimize the estate's potential exposure to administrative costs by vacating the premises by the end of the month. In order to provide all parties in interest with as much advance notice of the Auction as possible, the Trustee shall serve the Motion on all parties, and not wait to serve all parties until the proposed Notice is completed with hearing dates.

In further support of this motion, the Trustee states as follows:

#### Factual Background

1. On December 9, 2002 (the "Petition Date"), the Debtor filed a voluntary petition for relief under Chapter 11 of the Bankruptcy Code ("Code") in this Court.
2. On or about December 9, 2002, Harold B. Murphy was appointed as the interim Chapter 7 trustee of the Debtor.
3. The Debtor formerly operated a business at 10-K Gill Street, Woburn, Massachusetts which conducted research and development for fuel and other materials as well as design, construction and testing of pilot scale equipment.

#### The Assets

4. The Trustee proposes to conduct an Auction of the substantially all of the assets (the "Assets") formerly utilized by the Debtor in conducting its business. The Assets are almost entirely located at the Debtor's former place of business, 10-K Gill Street, Woburn, Massachusetts (the "Premises"). The Assets include, but are not limited to, the following:
  - (i) all furniture and fixtures located on the Premises, such as chairs, arm chairs, tables and desks, including but not limited those items set forth in Exhibit A to the Notice;
  - (ii) all equipment located on the Premises, including but not limited to: (i) office equipment such as a telephone system, computer monitors and printers; (ii) laboratory equipment such as thermal analysts, an evaporator and an electrochemical interface; and (iii) combustion equipment<sup>1</sup> such as a calorimeter, diesel engines, a data acquisition system, and a pressure reactor, all of which is set forth in Exhibit B to the Notice;

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<sup>1</sup> One of the diesel engines owned by the Debtor is currently in the possession of Megatech Corporation, 555 Woburn Street, Tewksbury, Massachusetts.



- (iii) all patents and patents pending, both foreign and domestic, such as patents and patents pending in the categories of Water Clusters, SuperNanoFuel™, Electroluminescence, NonFuel™, and Anharmonic Oscillations, including but not limited to those items set forth in Exhibit C to the Notice;
- (iv) all software, including but not limited to those items set forth in Exhibit D to the Notice; and
- (v) all trade names and goodwill owned by the Debtor.

5. Certain of the Assets are purportedly subject to lease agreements (the "Equipment") between the Debtor as lessee and a third party lessor (the "Lessors"). The Equipment that the Trustee is aware of is set forth on Exhibit E to the Notice (and may also be listed on other exhibits to the Notice). The Trustee believes that such purported leases (the "Agreements") with respect to the Equipment are more properly characterized as finance agreements such that the estate holds the ownership interest in the Equipment subject to any liens that may be asserted.

6. The Trustee has determined that the sale of the Assets by public auction is in the best interest of the bankruptcy estate.

#### **Relief Requested**

7. Pursuant to Sections 105, 363(b), and 365 of the Bankruptcy Code and Federal Rules of Bankruptcy Procedure 2002 and 6004, the Trustee requests authorization to schedule and conduct a public auction sale of the Assets and to sell the Assets free and clear of all liens, claims, encumbrances, and interests on an "as is, where is, how is" basis. The auction shall be at 10-K Gill Street, Woburn, Massachusetts within two weeks of the date that the Court sets a hearing on the Motion. In addition, Trustee requests that the Court approve the terms and conditions of the auction as set forth in the Motion and the Notice.

8. As part of the relief requested herein, the Trustee seeks authority to sell the Equipment, free and clear any liens, claims and encumbrances that may be asserted by Lessors. Should the Court determine that the Agreements are in fact leases and not financing agreements, the Trustee requests

that in the absence of an objection by the Lessor, the Lessor shall be deemed to have consented to the Trustee's Auction of the Equipment. The Trustee reserves the right, if warranted, to allocate costs associated with the sale of the Equipment and deduct it from the proceeds of the Equipment.

#### **Sale of Assets at Public Auction**

9. In accordance with Bankruptcy Rule 6004(f)(1), sales of property outside the ordinary course may be by private sale or public auction. The Trustee has determined that the sale of the Assets by public auction is the most cost efficient means to maximize its value of the estate. Accordingly, the sale of the Assets by public sale is in the best interests of the estate and its creditors.

10. Section 363(b)(1) of the Bankruptcy Code provides that "[t]he trustee, after notice and a hearing, may use, sell, or lease, other than in the ordinary course of business, property of the estate." 11 U.S.C. § 363(b)(1).

11. The Trustee has determined that the sale of the Assets by public auction will enable the Trustee to obtain the highest and best offer for the Assets and to dispose of the Assets in the most efficient and timely manner possible, thereby maximizing the value of the estate. Accordingly, the sale of the Assets through the auction process is in the best interests of the Debtor, its estate and creditors.

12. Contemporaneously with the filing of the Motion, the Debtor has filed an application to employ Paul E. Saperstein Co., Inc. (the "Auctioneer") to conduct an auction of the Assets. The Auctioneer anticipates publishing notice of the Auction through advertisements in local Sunday newspaper auction sections, direct mailings and the internet, and, if applicable, appropriate industry newspapers.

#### **Sale of the Assets Free and Clear of any Liens, Claims or Encumbrances**

13. Pursuant to Section 363(f) of the Bankruptcy Code, a trustee may sell property free and clear of liens, claims and encumbrances if one of the following conditions is satisfied:

- (i) applicable non-bankruptcy law permits the sale of such property free and clear of such interest;
- (ii) the lienholder or claimholder consents;
- (iii) such interest is a lien and the price at which such property is to be sold is greater than the aggregate value of all liens on such property;
- (iv) such interest is in a bona fide dispute; or
- (v) the lienholder or claimholder could be compelled, in a legal or equitable proceeding, to accept a money satisfaction of such interest.

14. To the best of the Trustee's knowledge, the Assets are not subject to liens, claims, encumbrances or interests, except that the Equipment may be subject to the assertion of liens, claims, encumbrances and interests by the Lessors. The Trustee has requested that the Court find that, to the extent the Agreements relating to the Equipment are later determined to be leases, that the Lessors are deemed to have assented to the Auction of the Equipment in the absence of an objection filed by such Lessors to the relief requested in the Motion.

15. To the extent that any or all of the Assets, including the Equipment, are subject to liens, claims, or encumbrances, the Trustee requests, pursuant to Section 363(f) of the Bankruptcy Code, that the Assets be sold free and clear of any and all liens, claims, or encumbrances, with such liens, claims, and encumbrances attaching to the net proceeds of the sale of the Assets.

16. The Trustee also proposes to sell the Equipment at the Auction, free and clear of any asserted liens, claims and encumbrances of the Lessors, with any such liens, claims and encumbrances to attach to the proceeds of the Leased Equipment.

17. Nothing herein shall be deemed to be an acknowledgment by the Trustee as to the validity, priority or enforceability of any asserted liens, claims, encumbrances and interests.

### The Terms of the Sale and the Auction Procedures

18. The Trustee proposes that the Auctioneer conduct the auction on the terms and conditions set forth herein and in the Notice.

19. The Notice provides, among other things, that the auction will be conducted in accordance with the following terms and conditions:<sup>2</sup>

The Assets shall be transferred on an "as is, where is, and how is" basis, without any representation or warranty of any kind by the Trustee.

- Pursuant to section 363(f) of the Bankruptcy Code, the Assets shall be sold free and clear of any liens, claims, or encumbrances, with such liens, claims, or encumbrances, if any, attaching to the proceeds of such sale.

Any of the Assets may be withdrawn from sale prior to or during the Auction for any reason whatsoever.

- All bidding increments shall be determined by the Auctioneer, and announced at the commencement of the Auction. Bidding increments may be modified by the Trustee during the Auction.
- A successful bidder for the Assets shall tender to the Trustee a deposit on the day of the auction equal to twenty five percent (25%) of its bid for the Assets.

Terms for the removal of the Assets by the successful bidder shall be announced at the Auction. The successful bidder must comply with the announced terms for removal or shall forfeit the deposit and the right to purchase the Assets.

- The successful bidder shall pay the balance of the purchase price by wire transfer or endorsed bank or certified check prior to the removal of the Assets.

### Notice

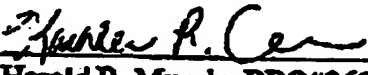
20. The Trustee has served the Motion on the United States Trustee, counsel to the Debtor, the Landlord, the Lessors, all creditors, and all parties who have requested notice in this case. Once the Trustee has been provided with an objection deadline and a hearing date, an auction date will be set, and the Notice will be completed and served upon the same parties.

WHEREFORE, the Trustee respectfully requests that the Court enter an order:

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- (A) Authorizing the sale of the Assets, including the Equipment, by public auction sale;
- (B) Approving the terms and conditions of such sale, as provided herein and in the contemporaneously filed Notice;
- (C) Finding that Lessors, to the extent they have not objected to the Motion, are deemed to have assented to the sale of the Equipment;
- (D) Authorizing the Trustee to convey the Assets, including the Equipment and the Diesel, free and clear of any and all liens and encumbrances of record, all right, title and interest that he may have in the Assets, with any liens to attach to the proceeds of the sale; and
- (E) Providing the Trustee with such other and further relief as is just and proper.

HAROLD B. MURPHY,  
CHAPTER 7 TRUSTEE  
By his counsel,

  
Harold B. Murphy BBO#362610  
Kathleen R. Cruickshank BBO#550675  
HANIFY & KING, P.C.  
One Federal Street  
Boston, MA 02110  
(617) 423-0400  
Fax: (617) 556-8985

Dated: December 20, 2002  
347728

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<sup>2</sup> The following discussion represents a summary of the Notice. In the event of a discrepancy between this summary and the terms of the Notice, the terms of the Notice shall control.

UNITED STATES BANKRUPTCY COURT  
DISTRICT OF MASSACHUSETTS  
EASTERN DIVISION

In re:

**SUPERCritical COMBUSTION CORP.**

Debtor.

Chapter 7

Case No. 02-18821-WCH

**CERTIFICATE OF SERVICE**

I, Kathleen R. Cruickshank, hereby certify that on December 20, 2002, I caused to be served a copy of the (i) *Motion by Trustee for Authority to Sell Assets by Public Auction Sale, Free and Clear of Liens, Claims, Encumbrances and Interests*; (ii) *Trustee's Notice of Public Auction Sale of Assets Free and Clear of All Liens, Claims and Encumbrances*; (iii) *Application to Employ Paul E. Saperstein Co., Inc. as Auctioneer to Conduct Public Auction*; and (iv) *Affidavit of Michael Saperstein in Support of Application For Employment As Auctioneer* via first class mail to the parties set forth on the attached list.



Kathleen R. Cruickshank (BBO #550675)  
HANIFY & KING  
Professional Corporation  
One Beacon Street  
Boston, MA 02108  
(617) 423-0400

Dated: December 20, 2002  
347822

U.S. BANKRUPTCY COURT  
DISTRICT OF MASS.  
DEC 20 P 1:46  
CLERK'S OFFICE

# **OET PATENTS AND APPLICATIONS**

## **Water Clusters**

- **Water Cluster** **USP# 5,800,576**
- **Water Cluster Continuation** **USP# 5,997,590**
- **System For Underwater Communication** **Pending**

## **SuperNanoFuel™**

- **Method of Combustion and Design** **USP# 5,992,354**
- **Combustible Liquid Fuel** **Pending**
- **Supercritical Composition/System** **USP# 6,010,544**
- **Miller Cycle** **Pending**
- **Cascade Nozzle** **Pending**
- **Subcritical Composition/System** **Pending**

## **Electroluminescence**

- **Method for Producing Semiconductor Particles** **USP# 5,690,807**
- **EL Device/Structured Particle Conductor** **USP# 5,958,573**
- **Semiconductor Particle EL Display** **Pending**

## **NanoFuel™**

- **Nano Partitioned Fuels** **Pending**
- **Water-Hydrocarbon Compositions** **Pending**

## **Anharmonic Oscillations**

- **Anharmonic Oscillations /Deuterated Alloys** **USP# 5,411,654**
- **Anharmonic Oscillations /Deuterated Alloys** **USP# 5,674,632**
- **Anharmonic Oscillations /Deuterated Alloys** **USP# 5,770,036**

## **Confidential and Proprietary**

As of January 2000

NATIONAL STAGE/FOREIGN PATENT FILINGS						
COUNTRY	CLUSTERS		SC FUEL		MILLER CYCLE	
	FILED	PATENT #/DATE	FILED	PATENT #	FILED	PATENT #
PCT	X	PCT/US/97/20779	X	PCT/US 98/27012	X	PCT/US98/12547
ARGENTINA	X					
AUSTRALIA	X	717,273 (11/14/97)	X		X	
BRAZIL	X		X		X	
CANADA	X		X		X	
CHINA			X		X	
COSTA RICA	X					
CZECH REP.			X		X	
EUROPEAN COM*	X		X		X	
ISRAEL			X		X	
JAPAN	X		X		X	
KOREA	X		X		X	
MEXICO	X		X		X	
NORWAY	X					
POLAND			X		X	
RUSSIA			X		X	
UKRAINE			X		X	
TOTAL COUNTRIES	29		31		31	
* EUROPEAN COMMUNITY INCLUDES 19 EC COUNTRIES						



# **SCC U.S. PATENTS AND APPLICATION**

Serial #	Filing Date	Patent #	Issue Date	Assignee	Inventor(s)	Counsel	Subject/Title
86,821	7/2/93	5,411,654	5/2/95	MIT	Ahem et al	Lober	Anharmonic Oscillations/Deuterated Alloys
331,014	10/28/94	5,874,632	10/7/97	MIT	Ahem et al	Lober	Anharmonic Oscillations/Deuterated Alloys
510,802	8/33/95	5,690,807	11/25/97	MIT	Clark et al.	Lober	Producing Semiconductor Particles
642,127	5/2/96	5,770,036	6/23/98	MIT	Ahem et al	Lober	Anharmonic Oscillations/Deuterated Alloys
747,862	11/13/96	5,800,576	9/1/98	QET	Johnson et al.	Choate	Water Cluster
18796,778	2/10/97	5,858,573	8/28/99	QET	Spiller et al.	Choate	EL Structured Particle Device
18715,810	9/18/96	5,992,354	11/30/99	MIT	Ahem et al	Lober	Combustion of Nanopartitioned Fuel
18964,249	11/4/97	5,997,590	12/7/99	QET	Johnson et al.	Choate	Water Cluster-CIPDSXF
18992,983	12/18/97	6,010,544	1/4/20	QET	Haldeman et al.	Choate	SC Water Fuel Composition
18797,063	2/10/97	6,049,090	4/11/00	MIT	Clark	Lober	Semiconductor Particle EL Display
19105,734	6/26/98	6,170,441	1/9/01	QET	Haldeman et al.	Choate	Engine System/Unsymmetrical Cycle
18933,787	9/19/97	6,235,067	5/22/01	MIT	Ahem et al	Lober	SC Liquid Fuel
09229,841	1/13/99			QET	Johnson et al.	Choate	Underwater Communication
09359,509	7/23/99		ALLOWED	QET	Ahem et al	Lober	Sub-Critical Fuel
09557,725	4/25/00			QET	Ahem et al	Choate	Cascade Nozzle
09829,016	4/9/01			QET	Haldeman	HBSR	Heating of Fuels
	5/11/01					HBSR	Methane Hydrates
	5/15/01					HBSR	Insulated Injector

UNITED STATES BANKRUPTCY COURT, DISTRICT OF MASSACHUSETTS  
Proceeding Memorandum/Order of Court

In re: Supercritical Combustion Corp.

Case#: 02-18621

Ch: 7

**DOCKETED**

**MOVANT/APPLICANT/PARTIES:**

1. #9 Motion by Trustee for Authority to Sell Assets by Public Auction Sale,  
Free and Clear of Liens, Claims, Encumbrances and Interests

Notice of Public Auction Sale of Assets Free and Clear of All Liens,  
Claims and Encumbrances

#18 Partial Objection by ChemMotif Inc. with Respect to Specific Equipment  
to Motion to Sell Assets by Public Auction Free and Clear of Liens, Claims,  
Encumbrances and Interests or Alternatively, Seeking Adequate Protection  
Pursuant to 11 USC 303 (f)

(K. Cruickshank. Agin) (obj. 1/27/03 by noon)

**OUTCOME:**

☐ By Agreement of the Parties

☒ **9** Granted - Approved - Sustained

☐ Denied - Denied without prejudice - Withdrawn in open court - Overruled

☐ OSC enforced/released

Continued to: \_\_\_\_\_ For: \_\_\_\_\_

Formal order/stipulation to be submitted by: \_\_\_\_\_ Date due \_\_\_\_\_

Findings and conclusions dictated at close of hearing incorporated by reference.

Taken under advisement: Brief(s) due \_\_\_\_\_ From \_\_\_\_\_

Response(s) due \_\_\_\_\_ From \_\_\_\_\_

Fees allowed in the amount of: \$ \_\_\_\_\_ Expenses of: \$ \_\_\_\_\_

No appearance/response by: \_\_\_\_\_

DECISION SET OUT MORE FULLY BY COURT AS FOLLOWS:

IT IS SO NOTED:

*Patricia L. Marney*  
Courtroom Deputy

IT IS SO ORDERED:

*William C. Gillman*  
William C. Gillman, U.S. Bankruptcy Judge  
Dated: 1/29/03

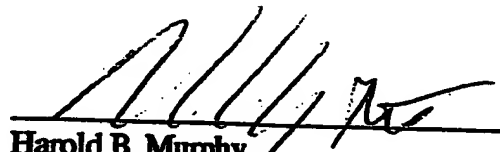
(21)

## **BILL OF SALE**

**THIS BILL OF SALE** (the "Bill of Sale") is made as of the 13th day of February, 2003, by Harold B. Murphy, the Chapter 7 trustee (the "Trustee") of Supercritical Combustion Corporation, debtor (the "Debtor") in a Chapter 7 case pending in the United States Bankruptcy Court, District of Massachusetts, case number 02-18821-WCH, in favor of Nanocluster Technologies LLC ("Buyer").

**NOW, THEREFORE**, for good and valuable consideration in the amount of \$  
and sufficiency of which is hereby acknowledged, the Trustee as seller does hereby absolutely and unconditionally give, grant, bargain, sell, transfer, set over, assign, convey, release, confirm, and deliver to Buyer, all of the Trustee's right, title and interest in all of the Debtor's foreign and domestic patents, patents pending and intellectual property, including but not limited to the patents and patent applications listed in the Trustee's notice of sale, and including those (the "Assets") set forth in the exhibit entitled "Addendum to Paul E. Saperstein Co. Invoice" affixed hereto. The Assets are being sold "as is" and "where is" and without any representations by Trustee.

**This Bill of Sale shall inure to the benefit of the respective successors and assigns of Buyer.**

  
Harold B. Murphy  
Chapter 7 Trustee of Supercritical  
Combustion Corporation

DATED MARCH 26, 2003



ADDENDUM TO PAUL E. SAPERSTEIN CO. INVOICE OF SALE DATED FEBRUARY 13, 2003/SPECIFIC  
INTELLECTUAL PROPERTY (IP) SOLD TO NANOCLUSTER TECHNOLOGIES LLC

PURSUANT TO TRUSTEE'S NOTICE OF PUBLIC AUCTION,  
DATED DECEMBER 31, 2002

TYPE OF IP	JURIS	APPL. NUMBER	FILING DATE	ISSUED NUMBER	ISSUE DATE	SUBJECT	
(1) ISSUED U.S. PATENTS							
Issued Patent	USA	86,821	7/2/93	5,411,654	5/2/95	Anharmonic Oscillations	
Issued Patent	USA	331,014	10/28/94	5,674,632	10/7/97	Anharmonic Oscillations	
Issued Patent	USA	510,802	8/--/95	5,690,807	11/25/97	Semiconductor Particles	
Issued Patent	USA	642,127	5/2/96	5,770,036	6/23/98	Anharmonic Oscillations	
Issued Patent	USA	08/747,862	11/13/96	5,800,576	9/1/98	Water Clusters	
Issued Patent	USA	08/796,778	2/10/97	5,958,573	9/28/99	EL Device Structured Part.	
Issued Patent	USA	08/715,810	9/18/96	5,992,354	11/30/99	SC Fuels Combustion Sys.	
Issued Patent	USA	08/964,249	11/4/97	5,997,590	12/7/99	Water Clusters CIP	
Issued Patent	USA	08/992,983	12/18/97	6,010,544	1/4/00	SC Water Fuel Composition	

DATED MARCH 26, 2003

TYPE OF IP	JURIS	APPL. NUMBER	FILING DATE	ISSUED NUMBER	ISSUE DATE	SUBJECT		
Issued Patent	USA	08/797,063	2/10/97	6,049,090	4/11/00	Electrolum. Device		
Issued Patent	USA	09/105,734	6/26/98	6,170,441	1/9/01	Miller Cycle System		
Issued Patent	USA	08/933,787	9/19/97	6,235,067	5/22/01	SC Water Fuel Composition		
Issued Patent	USA	09/829,016	4/9/01	6,520,767	2/18/03	Fuel Delivery Systems/SC Fuels		
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DATED MARCH 26, 2003

TYPE OF IP	JURIS	APPL. NUMBER	FILING DATE	ISSUED NUMBER	ISSUE DATE	SUBJECT	
<b>(2) PENDING U.S. PATENT APPLICATIONS</b>							
Patent Application	USA	09/229,941	1/13/99			Underwater Communication	
Patent Application	USA	09/359,509	7/23/99			Sub-SC Fuel	
Patent Application	USA	09/557,725	4/25/00			Cascade Nozzle	
Patent Application	USA	09/662,195	9/14/00			Water Clusters Application to Skin	
Patent Application	---						
Patent Application	USA	60/291,352	5/16/01			Insulated Injector	
Patent Application	USA						
Patent Application	USA	09/853,838	5/11/01			Extracting Gases System	
Patent Application	USA	09/950,272	9/10/01			SC Waste Treatment	